AMENDMENTS TO THE CLAIMS

1   1.   (Currently amended) A computer system to provide one or more product

2 selections to a user in accordance with ~~an analysis of user needs~~ <u>product related data provided by</u>

3 <u>the user</u>, the computer system comprising:

4   a database storing product configuration information, wherein the product configuration

5   information comprises <u>product identifier information corresponding to</u> product

6   attribute information ~~and pre-generated~~ <u>for multiple</u> product configurations;

7   a memory;

8   a processor coupled to the memory and the database;

9   a data receiving module, stored in the memory, to receive <u>the</u> product related data from

10   the user through a communication link coupled between a data processing system

11   of the user and the data receiving module~~, wherein the product related data is a~~

12   ~~member of a group of information types comprising product attribute information~~

13   ~~and product identifier information~~;

14   ~~a needs analysis module, stored in the memory, to process the received product related~~

15   ~~data and to determine which type of information is included in the received~~

16   ~~product related data~~;

17   a filter service module, stored in the memory, ~~to process product attribute information~~

18   ~~received by the needs analysis module in accordance with the product~~

19   ~~configuration information stored in the database in order~~ to <u>(i) receive one or</u>

20   <u>more product attributes and (ii)</u> identify one or more of the ~~pre-generated~~ product

21   configurations stored in the database that <u>each include the one or more product</u>

22   <u>attributes, if the product related data represents the one or more product attributes</u>

23   ~~meet requirements of the received product attribute information~~;

24   a configuration service module, stored in the memory, to <u>(i) receive a product identifier</u>

25   <u>and</u> ~~process product identifier information received by the needs analysis module~~

26   to <u>(ii)</u> identify <u>each combination of attributes stored in the database that</u>

27   <u>corresponds to the product identifier, if the product related data represents the</u>

28   <u>product identifier</u> ~~one or more of the pre-generated product configurations stored~~

29   ~~in the database that corresponds to the received product related data~~; and

30   a presentation module, stored in the memory, to <u>(i)</u> provide each identified ~~pre-generated~~

31   product configuration <u>as a product selection</u> to the user via the communication

32   link <u>if the product related data represents the one or more product attributes and</u>

33   <u>(ii) provide one or more product selections to the user via the communication link,</u>

34   <u>wherein, if the product related data represents the product identifier, each product</u>

35   <u>selection represents a product identifier and a respective combination of attributes</u>

36   <u>identified as corresponding to the product identifier.</u>

1   2.   (Currently amended)   The computer system of claim 1 <u>wherein the</u>

2 <u>product configurations are pre-generated product configurations, the computer system</u> further

3 comprising:

4   a software configuration engine stored in the memory to generate the pre-generated

5   product configurations.

1   3.   (Currently amended)   The computer system of claim 1 wherein the data

2 receiving module is further configured to receive data indicating a user selected product,

3 wherein the selected product corresponds to one of the identified ~~pre-generated~~ product

4 configurations, and the data receiving module is further configured to receive product

5 configuration selections from the user to further configure the selected product, the computer

6 system further comprising:

7   a software configuration engine, stored in the memory, to generate configured product

8   data corresponding to the product configuration selections associated with the

9   selected product and in accordance with the product configuration information;

10   and

11   wherein the presentation module is further configured to present the configured product

12   data to the user via the communication link.

13   4.   (Currently amended) The computer system of claim 1 <u>wherein the product</u>

14 <u>configurations are pre-generated product configurations, the system further comprising a</u>

15 <u>needs analysis module, stored in the memory, to (i) process the received product related data</u>

16 <u>and (ii) determine which of the service modules to provide the product related data, wherein:</u>

17   said filter service module is further configured to provide a product identifier to said

18   needs analysis module in response to ~~attribute information~~ <u>one or more product</u>

19   <u>attributes</u> received from said needs analysis module,

20   said product identifier identifies a pre-generated product configuration, and

21   said ~~attribute information is~~ <u>each of the one or more product attributes is</u> an attribute of

22   said pre-generated product configuration.

1   5.   (Currently amended)   The computer system of claim 4, wherein

2   said filter service module is further configured to use said ~~attribute information~~ <u>one or</u>

3   <u>more product attributes</u> to retrieve said product identifier from said database.

1   6.   (Currently amended)   The computer system of claim 1, wherein said

2   database contains product identifier information that identifies each ~~pre-generated~~ product

3   configuration and reference data that links the ~~product attribute information~~ <u>one or more</u>

4   <u>product attributes</u> to a ~~pre-generated~~ product configuration.

1   7.   (Currently amended)   The computer system of claim 6, wherein <u>the</u>

2   <u>product configurations are pre-generated product configurations and</u> said database comprises:

3   a configuration table storing the pre-generated product configurations; and

4   an attribute table storing the ~~product attribute information~~ <u>one or more product attributes</u>.

1   8.   (Currently Amended)   The computer system of claim 7, wherein said

2   configuration table contains said product identifier ~~information and~~.

1   9.   (Currently Amended)   The computer system of claim 7, wherein <u>the</u>

2   <u>product configurations are pre-generated product configurations and</u>

3   said attribute table comprises an attribute record comprising an attribute field containing

4   said ~~product attribute information~~ <u>one or more product attributes</u>, and an

5   intersection field containing a reference to at least one of the pre-generated

6   product configurations, and

7   said configuration table comprises a configuration record comprising a configuration

8   field containing said pre-generated product configurations~~,~~ and an identifier field

9   containing said product identifier ~~information~~.

1   10.   (Currently Amended)   The computer system of claim 9, wherein

2   each pre-generated product configuration describes a configuration of a product that is <u>an</u>

3   allowable product ~~configurations~~ <u>configuration</u> in accordance with product rules

4   governing allowable combinations of product attributes,

5   said attribute information describes an attribute of said product, and

6   said pre-generated product configuration of said product includes said ~~attribute of said~~

7   ~~product~~ <u>one or more product attributes</u>.

1   11.   (Currently Amended)   The computer system of claim 9, <u>the system further</u>

2 <u>comprising a needs analysis module, stored in the memory, to (i) process the received product</u>

3 <u>related data and (ii) determine which of the service modules to provide the product related</u>

4 <u>data,</u> wherein

5   said needs analysis module is configured to access said product configuration information

6   through said filter service.

1   12.   (Currently Amended)   The computer system of claim 9, wherein

2   said reference allows said filter service module to access said configuration record by

3   virtue of said filter service module being configured to access said attribute record

4   using said ~~attribute information~~ <u>one or more product attributes</u>.

5

1   13.   (Currently Amended)   The computer system of claim 1, <u>the system further</u>

2 <u>comprising a needs analysis module, stored in the memory, to (i) process the received product</u>

3 <u>related data and (ii) determine which of the service modules to provide the product related</u>

4 <u>data, and</u> wherein said needs analysis module is configured to permit identification of at least

5 one of the ~~pre-generated~~ product configurations based on <u>the</u> product identifier ~~information~~.

1   14.   (Canceled).

1   15.   (Currently Amended)   The computer system of claim 1, <u>the system further</u>

2 <u>comprising a needs analysis module, stored in the memory, to (i) process the received product</u>

3 <u>related data and (ii) determine which of the service modules to provide the product related</u>

4 <u>data, and</u> wherein said configuration service module is configured to provide a configuration

5 list to said needs analysis module in response to a product identifier received from said needs

6 analysis module.

1   16.   (Currently Amended)   The computer system of claim 15, wherein
2   said configuration list is a list of the available ~~features~~ product attributes of said product.

1   17.   (Previously Presented)   The computer system of claim 15, wherein
2   said configuration list is a list of configurations of said product.

1   18.   (Previously Presented)   The computer system of claim 15, wherein
2   said configuration service is configured to use said product identifier to generate said
3   configuration list from information stored in said database.

1   19.   (Previously Presented)   The computer system of claim 1, wherein
2   said database contains product identifier information.

1   20.   (Currently Amended)   The computer system of claim 19, wherein said
2   database comprises:
3   a configuration table containing said product identifier ~~information~~ and said product
4   configuration information.

1   21.   (Currently Amended)   The computer system of claim 20, the system
2   further comprising a needs analysis module, stored in the memory, to (i) process the received
3   product related data and (ii) determine which of the service modules to provide the product
4   related data, and wherein
5   said needs analysis module is configured to access said ~~pre-generated~~ product
6   configuration information through said product identifier ~~information~~ to said
7   configuration service module, and
8   said configuration service module is configured to access said database by virtue of being
9   configured to access said database using said product identifier ~~information~~.

1   22.   (Currently Amended) The computer system of claim 20, wherein the product
2   configurations are pre-generated product configurations and said configuration table
3   comprises a configuration record comprising
4   a configuration field containing said pre-generated product configurations, and
5   an identifier field containing said product identifier ~~information~~.

1   23.   (Currently Amended)   The computer system of claim 22, wherein

2   said pre-generated product configurations ~~describes describes~~ <u>describe</u> a product

3   previously configured and saved by the user, and

4   said product identifier ~~information~~ identifies said configuration of said product.

1   24.   (Currently amended)   A computer program product encoded in a

2 computer readable medium, the computer program product comprising code executable on a

3 computer system to provide one or more product selections to a user in accordance with ~~an~~

4 ~~analysis of user needs~~ <u>product related data provided by the user</u>, the code comprising

5 instructions to:

6   receive <u>the</u> product related data from the user through a communication link coupled

7   between a data processing system of the user and the computer system~~, wherein~~

8   ~~the product related data is a member of a group of information types comprising~~

9   ~~attribute information and product identifier information~~;

10   <u>access a database storing product configuration information, wherein the product</u>

11   <u>configuration information comprises product identifier information corresponding</u>

12   <u>to product attribute information for multiple product configurations</u>;

13   ~~process the received product related data;~~

14   ~~determine which type of information is included in the received product related data;~~

15   ~~process, if the product related data is attribute information, the received product related~~

16   ~~data in accordance with product configuration information in order to~~ <u>receive one</u>

17   <u>or more product attributes and</u> identify one or more ~~of the pre-generated~~ product

18   configurations stored in [[a]] <u>the</u> database that <u>each include the one or more</u>

19   <u>product attributes, if the product related data represents the one or more product</u>

20   <u>attributes</u> ~~meet requirements of the received attribute information~~;

21   <u>receive a product identifier and</u> identify <u>each combination of attributes stored in the</u>

22   <u>database that corresponds to the product identifier, if the product related data</u>

23   <u>represents the product identifier</u> ~~one or more of the pre-generated product~~

24   ~~configurations that corresponds to the received product related data~~, if the product

25   related data ~~is product identifier information~~ <u>represents the product identifier</u>; ~~and~~

26   provide each identified ~~pre-generated~~ product configuration <u>as a product selection</u> to the

27   user via the communication link <u>if the product related data represents the one or</u>

28   <u>more product attributes; and</u>

29   <u>provide one or more product selections to the user via the communication link, wherein,</u>

30   <u>if the product related data represents the product identifier, each product selection</u>

31   <u>represents a product identifier and a respective combination of attributes</u>

32   <u>identified as corresponding to the product identifier.</u>

33   25.   (Currently amended)   The computer program product of claim 24,

34 wherein the code further comprises code to permit identification of a product based on

35 ~~attribute information~~ <u>the one or more product attributes</u>.

1   26.   (Currently amended)   The computer program product of claim 24,

2 wherein the code further comprises code to:

3   receive data indicating a user selected product, wherein the selected product corresponds

4   to one of the ~~identified pre-generated product configurations~~ <u>product selections</u>;

5   receive product configuration selections from the user to further configure the selected

6   product;

7   generate configured product data corresponding to the product configuration selections

8   associated with the selected product and in accordance with product rules stored

9   in a memory that govern allowable combinations of the product features; and

10   provide the configured product data to the user via the communication link.

11   27.   (Currently amended)   The computer program product of claim 26,

12 wherein <u>the product configurations are pre-generated product configurations and</u> ~~the code~~

13 ~~further comprises code to:~~

14   ~~provide a product identifier to said needs analysis module in response to attribute~~

15   ~~information,~~

16   said product identifier identifies ~~a~~ <u>at least one</u> of the pre-generated product ~~configuration~~

17   <u>configurations</u>, and

18   said ~~attribute information~~ <u>each of said one or more attributes</u> is an attribute of said

19   product.

1   28.   (Currently amended)   The computer program product of claim 27,

2   wherein the code further comprises code to:

3   use ~~attribute information~~ <u>each of said one or more attributes</u> to retrieve said product

4   identifier from said database.

1   29.   (Currently amended)   The computer program product of claim 26 <u>wherein</u>

2 <u>the product configurations are pre-generated product configurations and the computer</u>

3 <u>program product</u> further comprises a data structure, the data structure comprising information

4 resident in said database, the information comprising:

5   product ~~identifier information~~ <u>identifiers</u> associated with each pre-generated product

6   configuration and reference data that links the ~~product attribute information~~ <u>one</u>

7   <u>or more product attributes</u> to [[a]] <u>each</u> pre-generated product configuration.

1   30.   (Currently amended)   The computer program product of claim 29,

2 wherein <u>the product configurations are pre-generated product configurations and</u> said data

3 structure further comprises:

4   a configuration table storing the pre-generated product configurations, and

5   an attribute table to store ~~product attribute information~~ <u>one or more product attributes</u>.

1   31.   (Currently amended)   The computer program product of claim 30,

2 wherein

3   said configuration table contains said product identifier ~~information~~ said attribute table

4   contains said ~~attribute information~~ <u>one or more attributes</u>.

1   32.   (Currently amended)   The computer program product of claim 30,

2 wherein <u>the product configurations are pre-generated product configurations and</u>

3   said attribute table comprises an attribute record comprising an attribute field containing

4   said ~~product attribute information~~ <u>one or more product attributes</u>, and an

5   intersection field containing a reference to at least one of the pre-generated

6   product configurations, and

7   said configuration table comprises a configuration record comprising a configuration

8   field containing said pre-generated product configurations~~,~~ and an identifier field

9   containing said product identifier ~~information~~.

1   33.   (Currently Amended)   The computer program product of claim 32,
2   wherein each pre-generated product configuration describes a configuration of a product that
3   is ~~an~~ allowable product ~~configurations~~ configuration in accordance with product rules
4   governing allowable combinations of product attributes;
5   said attribute information describes an attribute of said product, and
6   said pre-generated product configuration of said product includes said ~~attribute of said~~
7   ~~product~~ one or more product attributes.

1   34.   (Currently amended)   The computer program product of claim 32,
2   wherein the code further comprises code to:
3   access said ~~pre-generated product configuration~~ product identifier information using said
4   attribute information.

1   35.   (Currently amended)   The computer program product of claim 32,
2   wherein
3   said reference allows the code to access said configuration record by accessing said
4   attribute record using said ~~attribute information~~ one or more product attributes.

1   36.   (Canceled).

1   37.   (Currently amended)   The computer program product of claim 24,
2   wherein said code further comprises code to permit identification of a product configuration
3   based on ~~the~~ product identifier ~~information~~.

1   38.   (Canceled).

1   39.   (Previously Presented)   The computer program product of claim 24,
2   wherein the code further comprises a needs analysis module.

1   40.   (Currently amended)   The computer program product of claim 39,
2   wherein said code further comprises code to:
3   provide a configuration list to said needs analysis module in response to [[a]] the product
4   identifier received from said needs analysis module.

1   41.   (Currently amended)   The computer program product of claim 40,

2   wherein

3   said configuration list is a list of <u>the</u> available ~~features~~ <u>product attributes</u> of said product.

1   42.   (Previously Presented)   The computer program product of claim 40,

2   wherein said configuration list is a list of configurations of said product.

1   43.   (Previously Presented)   The computer program product of claim 40,

2   wherein said code further comprises code to:

3   use said product identifier to generate said configuration list from information stored in

4   said database.

1   44.   (Canceled).

1   45.   (Currently amended)   The computer program product of claim 29 ,

2   wherein said data structure further comprises:

3   a configuration table containing said product identifier ~~information~~.

1   46.   (Currently amended)   The computer program product of claim 45,

2   wherein said code further comprises code to:

3   access said <u>product</u> configuration information by virtue of supplying said product

4   identifier ~~information~~ to a configuration service, and

5   access said database by virtue of being configured to access said database using said

6   product identifier ~~information~~.

1   47.   (Currently amended)   The computer program product of claim 45,

2   wherein

3   said configuration table comprises a configuration record comprising a configuration

4   field containing said pre-generated product configurations, and an identifier field

5   containing said product identifier ~~information~~.

1   48.   (Currently Amended)   The computer program product of claim 47,

2   wherein

3   said <u>product</u> configuration information describes a configuration of said product that is <u>an</u>

4	allowable product ~~configurations~~ <u>configuration</u> in accordance with product rules
5	governing allowable combinations of product attributes, and
6	said product identifier information identifies said pre-generated configuration of said
7	product.

1	49.	(Canceled).

1	50.	(Canceled).

1	51.	(Currently amended) A method to provide one or more product selections
2		to a user in accordance with ~~an analysis of user needs~~ <u>product related data provided by the</u>
3		<u>user</u>, the method comprising:
4		receiving <u>the</u> product related data from the user through a communication link coupled
5		between a data processing system of the user and the computer system~~, wherein~~
6		~~the product related data is a member of a group of information types comprising~~
7		~~attribute information and product identifier information~~;
8		processing the received product related data using resources of the computer system;
9		~~determining which type of information is included in the received product related data;~~
10		~~processing, if the product related data is attribute information, the received product~~
11		~~related data in accordance with product configuration information in order to~~
12		<u>receiving one or more product attributes and</u> ~~identify~~ <u>identifying</u> one or more ~~of~~
13		~~the pre-generated~~ product configurations stored in a database that <u>each include the</u>
14		<u>one or more product attributes, if the product related data represents the one or</u>
15		<u>more product attributes</u> ~~meet requirements of the received attribute information~~;
16		<u>receiving a product identifier and</u> identifying <u>each combination of attributes stored in the</u>
17		<u>database that corresponds to the product identifier, if the product related data</u>
18		<u>represents the product identifier</u> ~~one or more of pre-generated product~~
19		~~configurations that corresponds to the received product related data~~, if the product
20		related data ~~is product identifier information~~ <u>represents the product identifier</u>; ~~and~~
21		providing each identified ~~pre-generated~~ product configuration <u>as a product selection</u> to
22		the user via the communication link <u>if the product related data represents the one</u>
23		<u>or more product attributes</u>; and

24   providing one or more product selections to the user via the communication link,

25   wherein, if the product related data represents the product identifier, each product

26   selection represents a product identifier and a respective combination of attributes

27   identified as corresponding to the product identifier.

1   52.   (Currently amended)   The method of claim 51, wherein the product

2 configurations are pre-generated product configurations and

3   said product identifier information identifies pre-generated product configurations, and

4   each of said pre-generated product configuration represents a product having ~~an attribute~~

5   ~~represented in said attribute information~~ one or more of the attributes.

1   53.   (Currently amended)   The method of claim 52, further comprising:

2   causing a needs analysis module to provide said ~~attribute information~~ one or more

3   attributes to a filter service; and

4   causing said filter service to return said product identifier ~~information~~ to said needs

5   analysis module.

1   54.   (Currently amended)   The method of claim 51, wherein the product

2 configurations are pre-generated product configurations, the method further comprising:

3 querying a database of said computer system, wherein querying said database comprises:

4   accessing an attribute table of said database using said ~~attribute information~~ one

5   or more attributes;

6   identifying at least one ~~product identifier information in a~~ database record

7   comprising the product identifier and said attribute information; and

8   accessing said ~~product identifier information in a configuration table of said~~

9   ~~database~~ said database record to identify a pre-generated product

10   configuration associated with said ~~attribute information~~ one or more

11   attributes.

1   55.   (Currently amended)   The method of claim 54, wherein

2   said product identifier ~~information~~ is associated with said pre-generated product

3   configurations, and

4   each of said pre-generated product configurations represents a product having said

5   ~~attribute~~ <u>one or more attributes</u>.

1   56.   (Currently amended)   The method of claim 55, wherein

2   ~~said~~ <u>a</u> configuration table comprises said pre-generated product configurations.

1   57.   (Currently amended)   The method of claim 51 further comprising:

2   providing said product identifier ~~information~~ to a configuration service;

3   identifying said ~~pre-generated~~ product configuration corresponding to said product

4   identifier ~~information~~ by causing said configuration service to query a database

5   using said product identifier ~~information~~; and

6   causing said configuration service to return said identified ~~pre-generated~~ product

7   configuration.

1   58.   (Currently amended)   The method of claim 57, wherein <u>the product</u>

2   <u>configurations are pre-generated product configurations and</u> said product identifier

3   ~~information~~ is associated with a pre-generated product configuration in said database.

1   59.   (Currently amended)   The method of claim 58, further comprising:

2   causing a needs analysis module to provide said product identifier ~~information~~ to said

3   configuration service; and

4   causing said configuration service to return said pre-generated product configuration to

5   said needs analysis module.

1   60.   (Currently amended)   The method of claim 57, wherein <u>the product</u>

2   <u>configurations are pre-generated product configurations and</u> said querying said database

3   comprises:

4   accessing a configuration table of said database using said product identifier ~~information~~

5   to identify said pre-generated product configuration.

1   61.   (Currently amended)   The method of claim 60, wherein

2   <u>each of</u> said pre-generated product ~~configuration is~~ <u>are</u> associated with said product

3   identifier ~~information~~.

1   62.   (Currently amended)   The method of claim 51 further comprising:

2 receiving data indicating a user selected product, wherein the selected product

3 corresponds to one of the identified ~~pre~~-generated product configurations;

4 receiving product configuration selections from the user to further configure the selected

5 product;

6 generating configured product data corresponding to the product configuration selections

7 associated with the selected product and in accordance with the product

8 configuration information; and

9 providing the configured product data to the user via the communication link.

1 63. (Canceled).

1 64. (Currently amended) The method of claim 51, wherein said product

2 related data includes data related to a vehicle.

1 65. (Currently amended) The method of claim 64, wherein said product

2 ~~configuration~~ selections comprise a make of said vehicle.

1 66. (Currently amended) The method of claim 64, wherein said product

2 ~~configuration~~ selections comprise a model of said vehicle.

1 67. (Currently amended) The method of claim 64, wherein said product

2 ~~configuration~~ selections comprise a trim level of said vehicle.

1 68. (Currently amended) The method of claim 64, wherein said product

2 ~~configuration~~ selections comprise an equipment level of said vehicle.

1 69. (Currently amended) The method of claim 64, wherein said product

2 ~~configuration~~ selections comprise one of a price range, a vehicle type, an engine type, a fuel

3 economy, an interior feature and a safety feature.

1 70. (Currently amended) An apparatus to provide one or more product selections

2 to a user in accordance with ~~an analysis of user needs~~ product related data provided by the

3 user, the apparatus comprising:

4 means for receiving the product related data from the user through a communication link

5 coupled between a data processing system of the user and the computer system,

6   ~~wherein the product related data is a member of a group of information types~~

7   ~~comprising attribute information and product identifier information~~;

8   means for processing the received product related data using resources of the computer

9   system;

10   ~~means for determining which type of information is included in the received product~~

11   ~~related data;~~

12   means for ~~processing, if the product related data is attribute information, the received~~

13   ~~product related data in accordance with product configuration information in~~

14   ~~order to~~ <u>receiving one or more product attributes and</u> ~~identify~~ <u>identifying</u> one or

15   more ~~of the~~ pre-generated product configurations stored in a database that <u>each</u>

16   <u>include the one or more product attributes, if the product related data represents</u>

17   <u>the one or more product attributes</u> ~~meet requirements of the received attribute~~

18   ~~information~~;

19   <u>receiving a product identifier and</u> identifying <u>each combination of attributes stored in the</u>

20   <u>database that corresponds to the product identifier,</u> ~~one or more of pre-generated~~

21   ~~product configurations that corresponds to the received product related data~~, if the

22   product related data ~~is product identifier information~~ <u>represents the product</u>

23   <u>identifier</u>; ~~and~~

24   means for providing each identified pre-generated product configuration <u>as a product</u>

25   <u>selection</u> to the user via the communication link <u>if the product related data</u>

26   <u>represents the one or more product attributes; and</u>

27   <u>means for providing one or more product selections to the user via the communication</u>

28   <u>link, wherein, if the product related data represents the product identifier, each</u>

29   <u>product selection represents a product identifier and a respective combination of</u>

30   <u>attributes identified as corresponding to the product identifier.</u>

1   71.   (Previously Presented) The apparatus of claim 70 further comprising:

2   means for receiving data indicating a user selected product, wherein the selected product

3   corresponds to one of the identified pre-generated product configurations;

4   means for receiving product configuration selections from the user to further configure

5   the selected product;

6   means for generating configured product data corresponding to the product configuration

7   selections associated with the selected product and in accordance with the product

8   configuration information; and

9   means for providing the configured product data to the user via the communication link.

1   72.   (Previously Presented) The apparatus of claim 70 wherein the product related

2   data includes data related to a vehicle.

1   73.   (Previously Presented) The computer system of claim 1 wherein the product

2   related data includes data related to a vehicle.

1   74.   (Previously Presented) The computer program product of claim 24 wherein the

2   product related data includes data related to a vehicle.